

Title (en)

Writing instrument.

Title (de)

Schreibgerät.

Title (fr)

Instrument pour écrire.

Publication

EP 0395973 B1 19931103 (DE)

Application

EP 90107619 A 19900423

Priority

DE 3914465 A 19890502

Abstract (en)

[origin: JPH02303896A] PURPOSE: To effectively supply from a common recording material storage unit to both writing tips providing both the writing tips at the same end of a writing implement, and constituting both the tips to pass through one another. CONSTITUTION: The writing implement 1 comprises a writing implement body 2 fixedly disposing a pad 4 therein, a holding bush 5 inserted into an open end, and a writing tip 9 having a small diameter and inserted at its inside end into a lateral rib 5a. The tip 9 is slidably engagedly contained in a longitudinal hole 8 of the tip 7 having a large diameter over a most part of the length. Both the tips are concentrically passed from one another. The tip 7 is contained in a holding sleeve 6, and contained in an opened front end of the body 2. And, the tip 7 is projected or again retracted at an axially moving stroke 15 to the bush 5 depending upon the length and gradient of the slit 13 by relative rotation of the bush 5 to the sleeve 6. As a result, a recording material can be effectively supplied to both the tips.

IPC 1-7

B43K 17/00; **B43K 27/00**; **B43K 24/02**

IPC 8 full level

B43K 8/02 (2006.01); **B43K 17/00** (2006.01); **B43K 24/02** (2006.01); **B43K 27/00** (2006.01); **B43K 27/08** (2006.01)

CPC (source: EP KR US)

B43K 8/02 (2013.01 - KR); **B43K 17/00** (2013.01 - EP US); **B43K 24/02** (2013.01 - EP US); **B43K 27/00** (2013.01 - EP US)

Cited by

EP2898959A1; EP3165379A4; US10336129B2; WO9409997A1; EP2114193B1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0395973 A1 19901107; **EP 0395973 B1 19931103**; AT E96740 T1 19931115; DE 3914465 A1 19901108; DE 3914465 C2 19930318; DE 59003287 D1 19931209; ES 2047744 T3 19940301; JP H02303896 A 19901217; KR 900017803 A 19901220; US 5026189 A 19910625

DOCDB simple family (application)

EP 90107619 A 19900423; AT 90107619 T 19900423; DE 3914465 A 19890502; DE 59003287 T 19900423; ES 90107619 T 19900423; JP 11537490 A 19900502; KR 900006301 A 19900501; US 50587590 A 19900405